

Learning Set 3: TAG 3.6



The Whirligig Challenge

3.6 Iterate

“More Science and More Explanation”

Read p. 63 and the top of p. 64.

What happens when there are no paper clips attached to the stem of the whirligig?

What are the two effects the paperclips have on the whirligig?

1.

2.

Read “Explain” on pg. 64. Follow your teacher’s instructions for revising your explanation. Write your new explanation on a new Create Your Explanation page.

Read page “Reflect” on page 65 and answer the following questions.

1. *What are some other objects that use air resistance to change how they fall or travel? What pull or push is air resistance opposing in your example?*

2. *The book support uses opposing pulls and pushes to keep the book in place. Here, the whirligig has opposing pulls and pushes, but it does not stay in one place. What would have to happen to keep the whirligig in one place when you released it?*

Name_____ Date_____ Hour_____

3. *Why do you think it was important to return to your explanation to review and possibly edit it? Why might your explanation be a better one by returning to it?*



Update your *Project Board* with your class.

“What’s the Point?”

Read through this section on page 65.

Why is it important for scientists to revise their explanations?